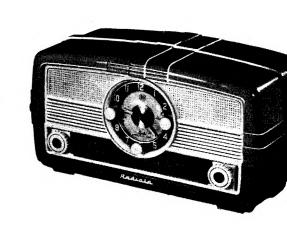
### TECHNICAL INFORMATION AND SERVICE DATA

A.W.A. CLOCK - CONTROLLED - RADIO 563-MA, 563-MAY and 563-MAZ.

FIVE VALVE, BROADCAST, A.C. OPERATED SUPERHETERODYNE

ISSUED BY:

AMALGAMATED WIRELESS (AUSTRALASIA) LTD.



### ELECTRICAL SPECIFICATIONS

Frequency Range	540-1600 Kc/s. (555-187.5 Metres)
Intermediate Frequency	455 Kc/s.
Power Supply Rating	200-260 volts 50 C.P.S. only
Power Consumption	_
Loudspeaker	radio 42.5 Walls
4 inch permanent magnet Part No. 26846 Transformer 31772D V.C. Impedance 3 ohms at 400 C.P.S.	
Undistorted Power Output	3 watts

### Valve Complement:

- (1) 6BE6 Converter
- (2) 6BA6 I.F. Amplifier
- (3) 6AV6 Detector, A.F. Amplifier, A.V.C.
- (4) 6AQ5 Output
- (5) 6X4 Rectifier.

### Chassis Removal

- (1) Remove the Clock Alarm Knob by unscrewing it clockwise and the remainder of the Clock and Radio knobs by pulling them straight off their spindles. Also remove the "Hand-set" knob and spindle by pulling it from the back of the cabinet.
- (2) Remove two recessed nuts from the top of the cabinet back, two screws from underneath the cabinet back and withdraw it.
- (3) The chassis is held to the cabinet front by two screws situated under it. Removal of these enables the chassis to be withdrawn from the cabinet.

### Clock Removal:

- (1) Remove the complete chassis from the cabinet.
- (2) Remove two screws holding the plastic shield to the metal spacers and withdraw the shield.
- (3) Unscrew the two metal spacers holding the top of the clock to the front panel.
- (4) Remove the clock plug from the socket on the receiver chassis.

The clock may now be lifted from the chassis.

When replacing the clock make sure that the bottom of the clock face engages in the clips on the receiver front panel. Then replace the metal spacers.

### IMPORTANT:

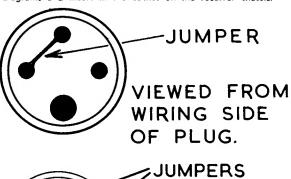
As repairs to the clock will require the use of special equipment it is recommended that a spare be kept in stock and the faulty unit returned to the A.W.A. Service Department, 152 Parramatta Road, Stanmore, for repair.

### Operation of Receiver Without Clock:

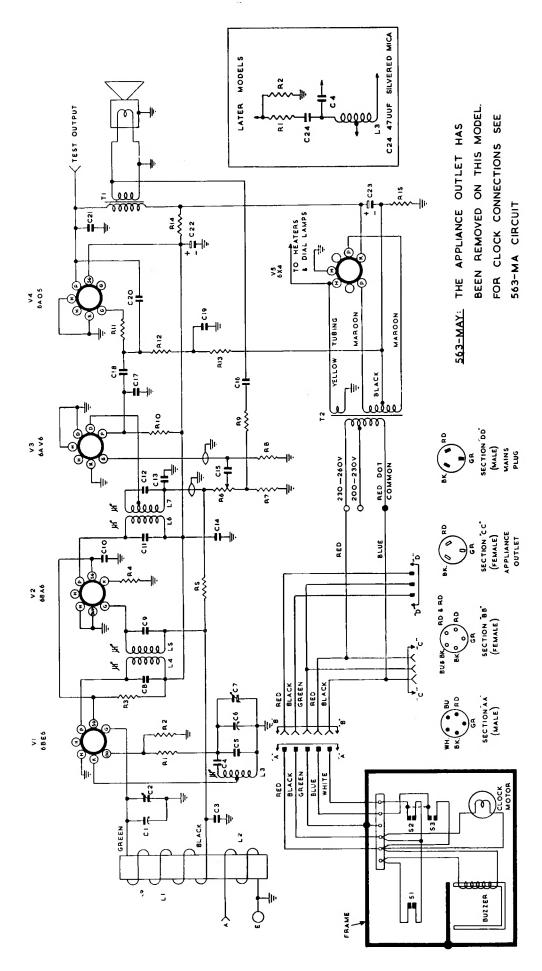
If it is desired to operate the receiver for either the serviceman's or client's use whilst a faulty clock is being repaired, the following plugs may be obtained from the A.W.A. Service Department:

Model 563-MA, 563-MAY Plug No. 29696. Model 563-MAZ Plug Code No. 581050.

Wire the plugs with jumpers as shown in the accompanying diagrams and insert in the socket on the receiver chassis.



VIEWED FROM WIRING SIDE OF PLUG



### Connection to Power Supply:

The receiver should not be connected to any circuit supplying other than alternating current from 200-260 volts and at a frequency of 50 c.p.s. only.

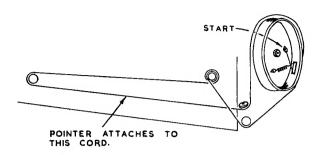
The power supply connections are shown in the accompanying diagram.

### RED DOT INDICATES COMMON CONNECTION FOR ALL VOLTAGES



### **Drive Cord Replacement:**

The accompanying diagram shows the route of the cord and the method of attachment.



### ALIGNMENT PROCEDURE

### Manufacturer's Setting of Adjustments:

The receiver is tested by the manufacturer with precision instruments and all adjusting screws are sealed. Realignment should be necessary only when components in tuned circuits are repaired or replaced or when it is found that the seals over the adjusting screws have been broken.

It is especially important that the adjustments should not be altered unless in association with the correct testing instruments listed below.

Under no circumstances should the plates of the ganged tuning capacitor be bent, as the unit is accurately aligned during manufacture and cannot be readjusted unless by skilled operators using special equipment.

For all alignment operations, connect the "low" side of the signal generator to the receiver chassis and keep the generator output as low as possible to avoid A.V.C. action. Also keep the volume control in the maximum clockwise position.

### Testing Instruments:

- (1) A.W.A. Junior Signal Generator, type 2R7003, or
- (2) A.W.A. Modulated Oscillator, type J6726.

If the modulated oscillator is used, connect a 0.25 megohm non-inductive resistor across the output terminals.

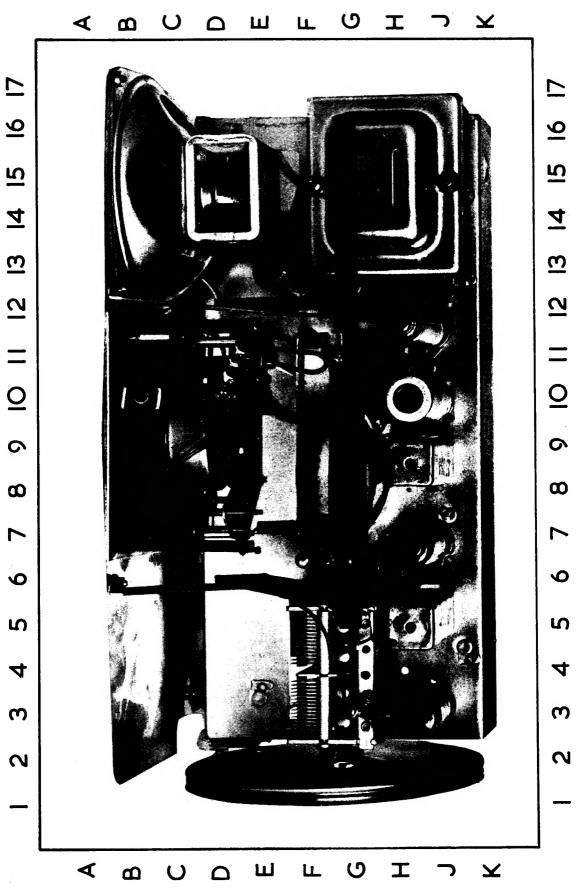
(3) A.W.A. Output Meter, type 2M8832.

### ALIGNMENT TABLE, MODELS 563-MAY, 563-MAZ

Alignment Order:	Connect "high" side of Generator to:	Tune Generator to:	Tune Receiver Dial to:	Adjust for Maximum Peak Output:
1	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L7 Core
2	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L6 Core
3	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L5 Core
4	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L4 Core
Repeat th	ne above adjustments until the m	aximum output is obtain	ed.	
5	Inductively coupled to Rod Aerial*	600 Kc/s.	600 Kc/s.	L.F. Osc. Core Adj. (L3
6	Inductively coupled to Rod Aerial*	1500 Kc/s.	1500 Kc/s.	H.F. Osc. Adj. (C7)
7	Inductively coupled to Rod Aerial*	1500 Kc/s.	1500 Kc/s.	H.F. Aer. Adj. (C2)

<sup>\*</sup> A coil comprising 3 turns of 16 gauge D.C.C. wire and about 12 inches in diameter should be connected between the output terminals of the test instrument, placed concentric with the rod aerial and distant not less than 1 foot from it.

<sup>†</sup> Rock the turning control back and forth through the signal.



F1G.3

### ALIGNMENT TABLE, MODEL 563-MA

Alignment Order	Connect "high" side of Generator to:	Tune Generato <i>r</i> to:	Tune Receiver Dial to:	Adjust for Maximum Peak Output
1	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L8 Core
2	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L7 Core
3	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L6 Core
4	Aerial Section of Gang (Drive End)	455 Kc/s.	540 Kc/s.	L5 Core
Repeat th	e above adjustments until the r	maximum output is obtain	ned.	,
5	Aerial Lead	600 Kc/s.	600 Kc/s.	L.F. Osc. Core Adj. (L4
6	Aerial Lead	1500 Kc/s.	1500 Kc/s.	H.F. Osc. Adj. (C11)
7	Aerial Lead	1500 Kc/s.	1500 Kc/s.	H.F. Aer. Adj. (C5)

<sup>\*</sup> Rock the tuning control back and forth through the signal.

### SOCKET VOLTAGES

VALVES	Cathode to Chassis Volts:	Screen Grid to Chassis Volts:	Anode to Chassis Volts:	Anode Current mA:	Heater Volts:
6BE6 Converter	_	85	165	1.8	6.3
6BA6 I.F. Amp	1.6	85	165	5.5	6.3
6AV6 Det., A.F. Amp., A.V.C.	_		80	0.3	6.3
6AQ5 Output		165	250	28	6.3
6X4 Rectifier	255	_	245/245 AC. R.M.S.	=	6.3

Volts across back-bias resistor = 8 volts.

Total H.T. Current = 48 mA.

Measured at 240 volts A.C. supply. No signal input. Volume Control maximum clockwise. Voltmeter 20,000 ohms per volt; measurements taken on highest scale giving accurate readable deflection.

### D.C. RESISTANCE OF WINDINGS,

### MODELS 563-MAY, 563-MAZ

Winding	D.C. Resistance in ohms
Ferrire Aerial Assembly:	
Primary (L1)	ţ
Secondary (L2)	1
Oscillator Coil (L3)	5
I.F. Transformer Windings	15
Power Transformer (T2):	
Primary	50
Secondary	300
Loudspeaker Input Transformer (T1):	
Primary	525 or 430
Secondary	+

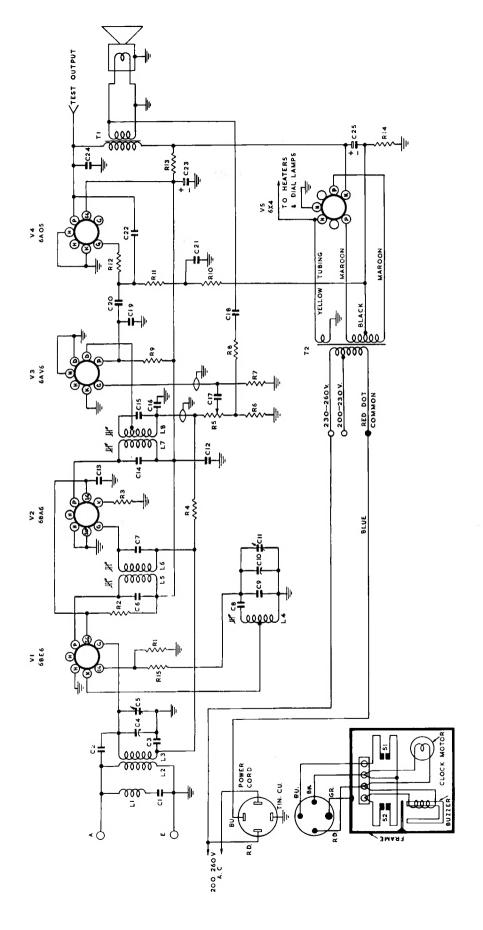
MODEL	563-MA
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Winding	D.C. Resistance in ohms
Aerial Coil:	
Primary (L2)	i 3
Secondary (L3)	2
Oscillator Coil (L4)	5
I.F. Filter (L1)	17.5*
I.F. Transformer Windings	15
Power Transformer (T2):	
Primary	50
Secondary	300
Loudspeaker Input Transformer (T1):	
Primary	525 or 430
Secondary	†

<sup>\*</sup> In some receivers this reading may be as high as 60 ohms.

The above readings were taken on a standard chassis, but substitution of materials during manufacture may cause variations and it should not be assumed that a component is is faulty if a slightly different reading is obtained.

<sup>†</sup> Less than 1 ohm.



7 <u>9</u> 2 4 = 0  $\boldsymbol{\omega}$ 9 S

2

### MECHANICAL REPLACEMENT PARTS

ITEM	PART No.	ITEM	PART No.
Bracket (2) (Chassis Mounting)	31360	Knob (Radio)	31984
Bracket (Dial Lamp)	31974	Lamp Holder	4194
Bracket (Retaining Cabinet)	31982	Light Mask	31998
Bracket (2) (Rod Aerial Support) (563-MAY, 563-			
MAZ)	33196	Mounting Screw (Oscillator Coil)	31373
Cabinet 8ack	32466	Nameplate	27748
Cabinet Body and Fret	32464	Nut (Retaining Cabinet Back)	26523
Clamp, Spring (Retaining Clock Dust Cover)	33019	Nut (Retaining Volume Control)	5926
Clip (Retaining I.F.)	27780	, ,	
Clip (Retaining Spindle)		Plate (Large, Underneath Cabinet)	31985
Clip (Retaining 4 pin socket)		Plate (Small, Underneath Cabinet)	31986
Clock Assembly (563-MA, 563-MAY)		Pointer Assembly	31976
Clock Assembly (563-MAZ)		Pulley Bracket Assembly	31975
Cover (Power Transformer)	<b>2</b> 0150	Pulley, Drive Cord	31365
Dial Scale—Northern	32231		
Southern	32232	Pulley Post (Pulley No. 31365)	31366
Drive Bearing	27529	Socket, 4 pin (Clock) (563-MA, 563-MAY)	<b>2</b> 8313
Drive Cord	9576/21	Socket, 5 pin (Clock) (563-MAZ) Code No.	793062
Drive Drum Assembly	31381	Socket, valve 7 pin Code No.	794576
Drive Spindle	31981	Socket, valve 9 pin Code No.	793037
Drive Spring	1741		
Dust Cover (Clock)	33018	Spacer (Dust Cover Mounting)	33141
Fret Cloth Code No.	212043	Terminal Panel Assembly, 2 way	32822
Gasket (Front Panel to Cabinet)	31972	Terminal Panel Assembly, 3 way	32824
Grommet (Power Cable) Code No.	389005	Terminal Panel Assembly, 4 way	32823
Knobs, Clock:		Terminal Panel Assembly, 5 way	32836
Alarm	33134		
Slumber	33135	Test Outlet	27685
Hands Set	33136	Volume Control Cable	34363
Radio, Alarm, OFF-ON	33137	Washer (Oscillator Coil Mounting)	7910

When ordering, always quote the above part numbers or code numbers, and in the case of coloured parts, such as cabinets, knobs, etc., the colour plus the part number.

# CIRCUIT CODE-RADIOLA 563-MA

Location	H14	H 4	G14	E5	55	F5	E6	113	H 10	H10	Ξ	6	F10	18	8	E	H5	٥	74	F4			89	G15		C15				
Fig. No.	2	7	7	_	_	-	7	7	7	7	7	7	7	7	7	7	7	7	2	7			-	-		-				
Part No. Fig. No.					18624																		31772D	25807		26846				
Description	100 $\mu\mu$ F Silvered Mica (I.F. Assy)	100 µµF Silvered Mica (I.F. Assy)	440 $\mu\mu$ F Padder $\pm 2\frac{3}{2}\%$	9 $\mu\mu$ F Mica	12-445 μμF tuning	2-20 $\mu\mu$ F Trimmer (on gang)	0.05 $\mu$ F Paper 400V working	0.05 $\mu$ F Paper 400V working	100 $\mu\mu$ F Silvered Mica (1.F. Assy)	100 µµF Silvered Mica (I.F. Assy)	220 µµF Ceramic	0.01 uF Paper 600V working	0.25 µF Paper 200V working	100 uuF Mica	$0.025~\mu$ F Paper 400V working	0.1 µF paper 200V working	12 µµF Mica	24 µF 350 P.V. Electrolytic	0.0025 µF Paper 600V working	24 uF 350 P.V. Electrolytic		TRANSFORMERS	Loudspeaker Transformer	Power Transformer 50 C.P.S.	LOUDSPEAKERS	4" permanent magnet	2210110	SWITCHES	Radio Contacts Buzzer – Alarm Contacts	
Code No.	%	7	8	ర	C10	<u>.</u>	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25			=						:s s	3
			16. 46.						_																					
_																														
Location		נוט	710	213	Z H	2	2			H16	315	H12	0 H	D3	F10	77	<u>.</u>	60	Ğ	GS	99	D5	æ	615		D12	F14	H13	F 7	<u>.</u>
Fig. No. Location			2 2 0 14																				2 F3			2 D12		2 H13		-
Part No. Fig. No. Location		•		10	10	۰,	•																			2 D12		2		-
Description Part No. Fig. No. Location	INDUCTORS	•	30768	32406 2	27351 2	27353 2		RESISTORS		½ wath 2	ns 1 ,, 2	2	2	Volume Control	2	2 ., 2	2 2		2 2	1 ½ ,,	s ½ ,, 2	s 2 ,, 2	1 watt ± 5% 2		CAPACITORS	Mica 2	2	9		2

## 563-MAY, AND 563-MAZ CIRCUIT CODE, RADIOLA

CG         12-445 μμF Trining         18684         3         F4           3         G11         C7         2-20 μμF Trimmer (on gang)         3         H5           4         F13         C9         100 μμF silvered mica (in 1st 1.F.)         3         H8           3         H8         C11         100 μμF silvered mica (in 2nd 1.F.)         3         H8           4         G15         C11         100 μμF silvered mica (in 2nd 1.F.)         3         H8           615         C12         100 μμF silvered mica (in 2nd 1.F.)         3         H8           616         C12         100 μμF silvered mica (in 2nd 1.F.)         4         H11           617         C13         0.05 μF paper 400V working         4         H11           618         C20 μμF mica         4         F10           610         C15 μF paper 400V working         4         G1           610         C12         μF paper 400V working         4         H10           610         C12         μF paper 400V working         4         H10           610         C12         μF paper 400V working         4         H2           610         C12         μF paper 400V working         4         H2 <th>S. C. S. C.</th>	S. C.
C6 12-45 μμF Tuning C7 2-20 μμF Tuning C8 100 μμF Silvered mica (in 1st 1.F.) C9 100 μμF Silvered mica (in 1st 1.F.) C10 0.05 μF paper 400V working C11 100 μμF Silvered mica (in 2nd 1.F.) C12 100 μμF Silvered mica (in 2nd 1.F.) C13 220 μμF Caramic C14 0.05 μF paper 400V working C15 0.01 μF paper 400V working C16 0.25 μF paper 200V working C17 0.02 μμF mica C18 0.025 μF paper 400V working C19 0.1 μF paper 200V working C19 0.1 μF paper 200V working C20 12 μμF mica C21 0.0025 μF paper 400V working C22 μμF S00 P.V. Electrolytic C23 24 μF 350 P.V. Electrolytic C23 24 μF 350 P.V. Electrolytic C24 μF 350 P.V. Electrolytic C25 24 μF 350 P.V. Electrolytic C27 10 LOUSPEAKER C28 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C27 24 μF 350 P.V. Electrolytic C28 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C27 24 μF 350 P.V. Electrolytic C28 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C27 24 μF 350 P.V. Electrolytic C28 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C27 24 μF 350 P.V. Electrolytic C28 24 μF 350 P.V. Electrolytic C29 24 μF 350 P.V. Electrolytic C27 25607 3 GB Buzzer Contacts C7 25 25607 3 GB Buzzer Contacts C7 25 27 27 8 Radio and Appliance Outlet Contacts	Part No.
CO μμε Immuter (on garigy) CO μμε Influence (on garigy) CO μμε silvered mica (in 1st 1.F.) CO μμε silvered mica (in 1st 1.F.) CO μμε silvered mica (in 1st 1.F.) CO μμε silvered mica (in 2nd 1.F.) CO μμε paper 400V working CO 0.1 με paper 200V working CO 0.1 με με με 200V working CO 0.1 με με 200V working CO 0.1 με με 200V working CO 0.1 με 200V working C	
C9 100 μμΕ silvered mica (in 1st 1.F.)  C10 0.05 μΕ paper 400V working  C11 100 μμΕ silvered mica (in 2nd 1.F.)  C12 120 μμΕ silvered mica (in 2nd 1.F.)  C13 220 μμΕ silvered mica (in 2nd 1.F.)  C14 0.05 μΕ paper 400V working  C15 0.01 μΕ paper 400V working  C16 0.25 μΕ paper 200V working  C17 0.025 μΕ paper 200V working  C18 0.025 μΕ paper 400V working  C19 0.1 μΕ paper 400V working  C20 12 μμΕ mica  C21 0.0025 μΕ paper 400V working  C22 μΕ 350 P.V. Electrolytic  C23 24 μΕ 350 P.V. Electrolytic  C23 24 μΕ 350 P.V. Electrolytic  C23 24 μΕ 350 P.V. Electrolytic  C24 μΕ 350 P.V. Electrolytic  C25 24 μΕ 350 P.V. Electrolytic  C26 12 μμΕ mica  C27 10 LOUSPEAKER  4 - Permanent Magnet	34327
C10 0.05 µF paper 400V working C11 100 µµF silvered mica (in 2nd 1.F.) 3 C12 100 µµF silvered mica (in 2nd 1.F.) 3 C13 0.00 µµF silvered mica (in 2nd 1.F.) 3 C14 0.05 µµF paper 400V working C15 0.01 µF paper 400V working C16 0.25 µµF paper 200V working C17 0.02 µµF mica C18 0.025 µµF paper 200V working C19 0.1 µµF paper 200V working C19 0.1 µµF paper 200V working C20 12 µµF mica C20 12 µµF mica C21 24 µµF 350 PV. Electrolytic C22 24 µµF 350 PV. Electrolytic C23 24 µµF 350 PV. Electrolytic C23 24 µµF 350 PV. Electrolytic C23 C4 µµF 350 PV. Electrolytic C23 C5807 3 C5807 3 C5807 C5	
C11 100 μμF silvered mica (in 2nd 1.F.)  C12 100 μμF silvered mica (in 2nd 1.F.)  C13 0.02 μμF silvered mica (in 2nd 1.F.)  C14 0.05 μ μF spaper 400V working  C15 0.01 μF paper 400V working  C16 0.25 μ μ paper 200V working  C17 100 μμF mica  C18 0.025 μ μ paper 200V working  C19 0.1 μ μ paper 200V working  C20 12 μμF mica  C21 12 μμF mica  C22 24 μ μ 350 P.V. Electrolytic  C23 24 μ β 350 P.V. Electrolytic  C23 4" Permanent Magnet	
C12 100 μμF silvered mica (in 2nd 1.F.)  C13 220 μμF ceramic  C14 0.05 μF paper 400V working  C15 0.01 μF paper 400V working  C16 0.025 μF paper 200V working  C17 100 μμF mica  C18 0.025 μF paper 200V working  C19 0.1 μF paper 200V working  C20 12 μμF mica  C21 12 μμF mica  C22 24 μF 350 P.V. Electrolytic  C23 24 μF 350 P.V. Electrolytic  C23 24 μF 350 P.V. Electrolytic  C24 μF 350 P.V. Electrolytic  C25 24 μF 350 P.V. Electrolytic  C27 24 μF 350 P.V. Electrolytic  C28 24 μF 350 P.V. Electrolytic  C29 34 μF 350 P.V. Electr	27353 3
C13 220 μμF ceramic C14 0.05 μF paper 400V working C15 0.01 μF paper 600V working C16 0.25 μF paper 200V working C17 100 μμF mica C18 0.025 μF paper 200V working C19 0.1 μF paper 200V working C20 12 μμF mica C21 12 μμF mica C21 24 μF 350 P.V. Electrolytic C23 34 μF 350 P.V. Electrolytic C24 350 P.V. Electrolytic C25 34 μF 350 P.V. Electrolytic C26 35 P.V. Electrolytic C27 35 P.V. Electrolytic C28 35 P.V. Electrolytic C29 35 P.V. Electrolytic C29 35 P.V. Electrolytic C20 3	
C14 0.05 μF paper 400V working C15 0.01 μF paper 600V working C17 100 μμF mica C19 0.12 μF paper 200V working C19 0.12 μF paper 200V working C20 12 μμF mica C21 0.0025 μF paper 400V working C20 12 μμF mica C21 0.0025 μF paper 600V working C22 24 μF 350 P.V. Electrolytic C23 34 μF 350 P.V. Electrolytic C24 350 P.V. Electrolytic C25 34 μF 350 P.V. Electrolytic C26 34 μF 350 P.V. Electrolytic C27 34 μF 350 P.V. Electrolytic C28 34 μF 350 P.V. Electrolytic C29 34 μF 350 P.V. E	
C15 0.01 μF paper 600V working C16 0.25 μF paper 200V working C17 1.00 μμF mica C19 0.1 μF paper 400V working C19 0.1 μF paper 400V working C20 12 μμF mica C21 0.0025 μF paper 600V working C22 24 μF 350 P.V. Electrolytic C23 31772D 3 C24 D.M.CHES C25 24 μF 350 P.V. Electrolytic C26 3 3 Radio and Apoliance Outlet Contacts C3 3 Radio and Apoliance Outlet Contacts C4 5 P.V. Electrolytic C4 6 4 P.V. Electrolytic C4 7 P.V. Electrolytic C4 7 P.V. Electrolytic C5	4
C16 0.25   C17 100   C17 100   C18 0.025   L19 0.025   L20 1   L20 1   L20 1   L20 1   L20 1   L20 1   L20 2	4
C17 100 μμF mica C18 0.025 μF paper 400V working C19 0.1 μF paper 200V working C20 12 μμF mica C21 0.0025 μF paper 600V working C22 24 μF 350 P.V. Electrolytic C23 24 μF 350 P.V. Electrolytic C23 24 μF 350 P.V. Electrolytic C24 μF 350 P.V. Electrolytic C25 24 μF 350 P.V. Electrolytic C26 24 μF 350 P.V. Electrolytic C27 24 μF 350 P.V. Electrolytic T1 Loudspeaker Transformer T2 Power Transformer T3 Power Transformer T4" Permanent Magnet C0 C.p.s. 25807 T1 Loudspeaker T3 Power Transformer T4" Permanent Magnet T5 SWITCHES SWITCHES SWITCHES SY Radio and Apoliance Outlet Contacts T3 Buzzer Contacts T3 Buzzer Contacts T4 Buzzer Contacts T5	4
C18 0.025 μF paper 400V working C19 0.1 μF paper 200V working C20 12 μμF mica C21 0.0025 μF paper 600V working C22 2.4 μF 350 P.V. Electrolytic C23 2.4 μF 350 P.V. Electrolytic C23 2.4 μF 350 P.V. Electrolytic C23 11 Loudspeaker Transformer T1 Loudspeaker Transformer T2 Power Transformer 50 c.p.s. 25807 3 G LOUDSPEAKER 4" Permanent Magnet 26846 3 C SWITCHES SNITCHES SN Radio and Appliance Outlet Contacts 3	7
C19 0.1 µF paper 200V working C20 12 µµF mica C21 0.0025 µF paper 600V working C22 24 µF 350 P.V. Electrolytic C23 24 µF 350 P.V. Electrolytic C3 24 µF 350 P.V. Electrolytic C4 25 P.V. Electrolytic C5 24 µF 350 P.V. Electrolytic C5 25 P.V. Electrolyti	4
C20 12 μμF mica C21 0.0025 μF paper 600V working C22 24 μF 350 P.V. Electrolytic C23 24 μF 350 P.V. Electrolytic TRANSFORMERS T1 Loudspeaker Transformer T2 Power Transformer 50 c.p.s. 25807 3 G 10 LOUDSPEAKER 4" Permanent Magnet 26846 3 C SWITCHES SWITCHES SN Radio and Apoliance Outlet Contacts 3 3 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	26442 4
C21 0.0025 µF paper 600V working C22 24 µF 350 P.V. Electrolytic C23 24 µF 350 P.V. Electrolytic  TRANSFORMERS T1 Loudspeaker Transformer T2 Power Transformer 50 c.p.s. 25807 3 G 10 LOUDSPEAKER 4" Permanent Magnet 26846 3 C SWITCHES SWITCHES ST Radio and Appliance Outlet Contacts 3 3 57 8 Radio and Appliance Outlet Contacts	4
C22 24 µF 350 P.V. Electrolytic C23 24 µF 350 P.V. Electrolytic TRANSFORMERS T1 Loudspeaker Transformer 31772D 3 T2 Power Transformer 50 c.p.s. 25807 3 G LOUDSPEAKER 4" Permanent Magnet 26846 3 G SWITCHES SWITCHES SN Radio and Appliance Outlet Contacts 3	4
C23 24 µF 350 P.V. Electrolytic 4  TRANSFORMERS T1 Loudspeaker Transformer 31772D 3 T2 Power Transformer 50 c.p.s. 25807 3 G  LOUDSPEAKER 4" Permanent Magnet 26846 3 C  SWITCHES SWITCHES 3 S7 8 Adio and Appliance Outlet Contacts 3 S7 8 Radio and Appliance Outlet Contacts 3	4
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TRANSFORMERS  T1 Loudspeaker Transformer 31772D 3  T2 Power Transformer 50 c.p.s. 25807 3 G  LOUDSPEAKER  4" Permanent Magnet	4
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12 Power Transformer 50 c.p.s. 25807 3 G 10UDSPEAKER 4" Permanent Magnet 26846 3 C SWITCHES 51 Buzzer Contacts 3 S2 Radio and Appliance Outlet Contacts 3	4
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4" Permanent Magnet	
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\* Later models use Oscillator Coil No. 35403.